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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/810,730	03/26/2004	Pramod K. Sharma	2003-0762.02	9683
21972 7590 LEXMARK INTER	03/14/2007 RNATIONAL, INC.	EXAMINER		
INTELLECTUAL	PROPERTY LAW DE	VARGAS, DIXOMARA		
740 WEST NEW CIRCLE ROAD BLDG. 082-1 LEXINGTON, KY 40550-0999			ART UNIT	PAPER NUMBER
			2859	
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SHORTENED STATUTORY PER	RIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MONTHS 03/14/2007			PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

PTOL-90A (Rev. 10/06)

•	Application No.	Applicant(s)
	10/810,730	SHARMA ET AL.
Office Action Summary	Examiner	Art Unit
	Dixomara Vargas	2859
The MAILING DATE of this communication Period for Reply	appears on the cover sheet wi	th the correspondence address
A SHORTENED STATUTORY PERIOD FOR REWHICHEVER IS LONGER, FROM THE MAILING Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by stany reply received by the Office later than three months after the mearned patent term adjustment. See 37 CFR 1.704(b).	G DATE OF THIS COMMUNION R 1.136(a). In no event, however, may a r l. riod will apply and will expire SIX (6) MON tatute, cause the application to become AB	CATION. eply be timely filed ITHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).
Status		
Responsive to communication(s) filed on 0 2a) This action is FINAL . 2b) Since this application is in condition for all closed in accordance with the practice und	This action is non-final. wance except for formal matt	•
·		. 11, 100 0.0. 210.
Disposition of Claims		
4) ⊠ Claim(s) 1-29 and 31-46 is/are pending in the day of the above claim(s) 32-46 is/are with the state of the above claim(s) 32-46 is/are with the state of the state of the day of the above claim(s) 1-29 and 31 is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction are	drawn from consideration.	
Application Papers		
9) ☐ The specification is objected to by the Exam 10) ☑ The drawing(s) filed on 26 March 2004 is/ar Applicant may not request that any objection to Replacement drawing sheet(s) including the cor 11) ☐ The oath or declaration is objected to by the	re: a)⊠ accepted or b)⊡ obj the drawing(s) be held in abeyan rrection is required if the drawing	ce. See 37 CFR 1.85(a). (s) is objected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of: 1. Certified copies of the priority docum 2. Certified copies of the priority docum 3. Copies of the certified copies of the papplication from the International But * See the attached detailed Office action for a	ents have been received. ents have been received in A priority documents have been reau (PCT Rule 17.2(a)).	pplication No received in this National Stage
Attachment(s) 1) Notice of References Cited (PTO-892)	4) 🔲 Interview S	ummary (PTO-413)
 Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date)/Mail Date formal Patent Application

DETAILED ACTION

1. Based on applicant's remarks filed on 02/09/07, the finality of the previous office action is withdrawn and thus the amendment filed is hereby entered.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
- 4. Claims 1-29 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Omata et al. (US 6,442,356 B2) in view of Tanaka (US 6,421,521 B2).

With respect to claims 1, 23 and 29-31, Omata discloses an image transfer assembly for use with an image forming device, said image transfer assembly comprising (Figure 5): a

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plurality of image forming units transferring print material (Pa-Pd) to a media substrate (paper P), each of said plurality of image forming units comprising a photoconductive unit (#101a-#101d) and a transfer device (#105a-#105d) positioned to receive the media substrate therebetween (paper P); and a first power supply coupled to said transfer devices and supplying a voltage thereto (#170a-#170d).

In addition, Omata discloses the claimed invention as stated above except for a first power supply coupled to at least two but less than all of said transfer devices. However, Tanaka discloses a first power supply coupled to at least two but less than all coils (Columns 3 and 6, lines 1-9 and 46-59 respectively; Figures 7 and 14-17). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have a first power supply coupled to at least two but less than all of the devices as taught by Tanaka' with Omata's image transfer assembly for the purpose of applying different voltages to the different groupings, for example, one voltage to the black toner and a different voltage to the color toners to form either a black and white image or a color image as taught by Tanaka (Column 6, lines 46-59).

- 5. With respect to claims 2, 21, 24 and 26, Omata discloses the voltage supplied by said first power supply is substantially the same for each of said at least two transfer devices (Column 7, lines 9-49).
- 6. With respect to claims 3, 22 and 25, Omata discloses the voltage generated by said first power supply is different for each of said at least two transfer devices (Column 7, lines 9-49).
- 7. With respect to claims 4, 14 and 27, Omata discloses a first image forming unit and a second image forming unit (Pa-Pd), said first image forming unit receiving said media substrate (paper P) before said second image forming unit (Figure 5), said first image forming unit

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comprising a first transfer device and said second image forming unit comprising a second transfer device (#105a-#105d), said first and second transfer devices being coupled to said first power supply (#170a-#170d), wherein the voltage of the second transfer device is greater than the voltage of the first transfer device (Column 7, lines 9-49).

- 8. With respect to claims 5 and 15, Omata discloses said first image forming unit comprises black print material (Column 3, lines 13-24).
- 9. With respect to claims 6 and 16, Omata discloses said second image forming unit comprises yellow print material (Column 3, lines 13-24).
- 10. With respect to claim 7, Omata discloses said first power supply comprises a plurality of Zener diodes to generate the different voltages for each of said at least two transfer devices (Column 7, lines 36-49).
- 11. With respect to claim 8, Omata discloses a second power supply coupled to another one of said transfer devices (#170a-#170d).
- 12. With respect to claims 9, 13 and 17, Omata discloses a voltage range of said first power supply is substantially the same as a voltage range of said second power supply (Column 7, lines 9-49).
- 13. With respect to claim 10, Omata discloses a third power supply coupled to another one of said transfer devices (#170a-#170d), wherein a voltage range of said third power supply is greater than the voltage range of said first and second power supplies (Column 7, lines 9-49).
- 14. With respect to claims 11 and 28, Omata discloses the voltage supplied to said at least two transfer devices is substantially constant during operation of said image forming device (Column 7, lines 9-49).

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15. With respect to claims 12 and 18, se rejection of claims 1-6 above.

16. With respect to claim19, see rejection of claims 1-6 above. In addition, Omata discloses a fuser (Figure 4 (#111); and a housing supporting said image transfer assembly and said fuser

(housing in Figures 1 and 4 not numbered).

17. With respect to claim 20, Omata discloses a transport belt coupled to said housing and

moving said media substrate to each of said image forming units (Figures 4-6, #190).

Response to Arguments

18. Applicant's arguments with respect to claims 1-29 and 31 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dixomara Vargas whose telephone number is (571) 272-2252. The examiner can normally be reached on Monday to Thursday from 8:00 am. to 4:30 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez can be reached on (571) 272-2245. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Diego Gutierrez Supervisory Patent Examiner Technology Center 2800